

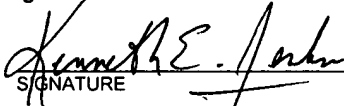
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 18062G-005410US U.S. APPLICATION NO. (If known, see 37 CFR 1.5) not yet assigned 107539218
INTERNATIONAL APPLICATION NO. PCT/US2003/041118	INTERNATIONAL FILING DATE 18 December 2003	PRIORITY DATE CLAIMED 18 December 2002
TITLE OF INVENTION CHEMO-ENZYMATIC PROCESS FOR PROTEOME-WIDE MAPPING OF POST-TRANSLATIONAL MODIFICATION		
APPLICANT(S) FOR DO/EO/US Kevan M. Shokat and Zachary Knight		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: 26 Sheets of Drawings

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/539216 Attorney assigned		INTERNATIONAL APPLICATION NO. PCT/US2003/041118		ATTORNEY'S DOCKET NUMBER 18062G-005410US					
The following fees have been submitted: 21. <input checked="" type="checkbox"/> Basic national fee \$300				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> </table>		CALCULATIONS	PTO USE ONLY	\$ 300	
CALCULATIONS	PTO USE ONLY								
\$ 300									
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100 All other situations \$200				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 200</td> <td></td> </tr> </table>		\$ 200			
\$ 200									
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 100</td> <td></td> </tr> </table>		\$ 100			
\$ 100									
TOTAL OF 21, 22 and 23 =				\$ 600					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE						
- 100 =	/50 =		x \$250						
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$</td> <td></td> </tr> </table>		\$			
\$									
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE						
Total claims	22 - 20 =	2	x \$ 50	\$ 100					
Independent claims	2 - 3 =		x \$200	\$					
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$					
TOTAL OF ABOVE CALCULATIONS =				\$ 700					
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 350</td> <td></td> </tr> </table>		\$ 350			
\$ 350									
SUBTOTAL =				\$ 350					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$</td> <td></td> </tr> </table>		\$			
\$									
TOTAL NATIONAL FEE =				\$ 350					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$</td> <td></td> </tr> </table>		\$			
\$									
TOTAL FEES ENCLOSED =				\$ 350					
				Amount to be refunded:	\$				
				Amount to be charged:	\$ 350				
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>20-1430</u> in the amount of \$ <u>350</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>20-1430</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO: Kenneth E. Jenkins, Ph.D. TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, Eighth Floor San Francisco, CA 94111-3834									
 SIGNATURE Kenneth E. Jenkins, Ph.D. NAME 51,846 REGISTRATION NUMBER									

10/539218
JC20 Rec'd PCT/10 17 JUN 2005

"Express Mail" Label No. EV 530576550 US

Date of Deposit: June 17, 2005

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Mail Stop PCT
Commissioner for Patents
Box 1450
Alexandria, VA 22313-1450

By: 
Julie C. Freiburger

Enclosures:

Return Postcard
PTO-1390
Preliminary Amendment
Application - 46 pgs total; 3 pgs claims; 1 pg abstract
Drawings - 26 pgs
ADS

60357603 v1

NON-PROVISIONAL

PATENT APPLICATION

**CHEMO-ENZYMATIC PROCESS FOR PROTEOME-WIDE MAPPING
OF POST-TRANSLATIONAL MODIFICATIONS**

Inventor(s): Kevan M. Shokat, a citizen of The United States, residing at
783 35th Ave.
San Francisco, CA 94121

Zachary Knight, a citizen of The United States, residing at
255 King St., Apt. 336
San Francisco, CA 94107

Assignee: The Regents of the University of California
The Office of the President
1111 Franklin Street, 12th Floor
Oakland, CA 94607-5200

Entity: Small Business Concern

Kenneth E. Jenkins, Ph.D., Reg. No. 51,846

TOWNSEND
and
TOWNSEND
and
CREW

Correspondence Address:
Two Embarcadero Center
Eighth Floor
San Francisco
California 94111-3834
Tel 415 576-0200
Fax 415 576-0300
